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COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

PATENT

Re: Application : Donald H. Powers et al.  
Serial No. : 10/643,483  
Filed : August 19, 2003  
For : PROPYLENE PRODUCTION

Case No. : 88-2045A  
Art Unit No. : unknown  
Examiner : unknown

Enclosed are the following documents related to the above-identified application:

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Return Receipt of Postcard                                  | <input type="checkbox"/> Request for Reconsideration                           |
| <input checked="" type="checkbox"/> Certificate of Mailing Indicated Below                      | <input type="checkbox"/> Declaration Under 37 CFR 1.131                        |
| <input type="checkbox"/> Preliminary Amendment  | <input type="checkbox"/> Declaration Under 37 CFR 1.132                        |
| <input type="checkbox"/> Assignment for Recordal  | <input type="checkbox"/> Terminal Disclaimer 37 CFR 1.321(b)                   |
| <input checked="" type="checkbox"/> Information Disclosure Statement<br>Under 37 CFR 1.97(b)(1) | <input type="checkbox"/> Notice of Appeal                                      |
| <input type="checkbox"/> Associate Power of Attorney  | <input type="checkbox"/> Brief   |
| <input type="checkbox"/> Response to Restriction Requirement                                    | <input type="checkbox"/> Amendment After Allowance 37 CFR 1.312                |
| <input type="checkbox"/> One Month Extension of Time Under<br>37 CFR 1.136 (fee noted below)    | <input type="checkbox"/> Issue Fee Transmittal                                 |
| <input type="checkbox"/> Reply Under 37 CFR 1.121   | <input type="checkbox"/> Certificate Under 37 CFR 3.73(b)                      |
| <input type="checkbox"/> Amendment Under 37 CFR 1.116   | <input type="checkbox"/> Petition to Correct Inventorship<br>Under 37 CFR 1.48 |
| <input checked="" type="checkbox"/> Form PTO-1449 and non-patent cited references               | <input type="checkbox"/> Request for Corrected Filing Receipt                  |

The fee has been calculated as shown below:

CLAIMS AS AMENDED

	Claims Remaining After Amendment	Highest No. Previously Paid for	Present Extra	Add'l Rate	Fee
Total Claims:	minus	:	:	:x	0.00
Ind. Claims:	minus	:	:	:x	0.00
Fee for Petition of Extension of time (1 month see below)					0.00
TOTAL FEE DUE					0.00

- ☒ No additional fee is required.
- ☐ Charge \$\_\_\_\_\_ to Deposit Account No. 01-2230. A duplicate copy of this sheet is enclosed.
- ☒ Please charge any additional fees or credit overpayment to Deposit Account No. 01-2230.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on November 17, 2003.

Linda J. Marchione  
Name of Person Signing

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November 17, 2003  
CUSTOMER NUMBER: 24114



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Donald H. Powers et al. : Group Art: unknown

Serial No.: 10/643,483 : Examiner: unknown

Filed: August 19, 2003 : Docket No. 88-2045A

For: PROPYLENE PRODUCTION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)(1)

Sir:

Applicants submit here references they believe are relevant to the examination of this patent application. The references are listed on accompanying form PTO-1449, and copies of the non-patent literature are enclosed for your information.

Applicants respectfully ask the Examiner to consider the cited references.


Respectfully submitted,

Donald H. Powers et al.

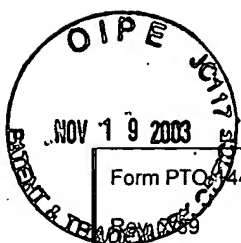
By: 

Dennis M. Kozak  
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Linda J. Marchione  
Name of Person Signing



Form PTO-449

U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket: 88-2045A

Examiner: unknown

Serial No. 10/643,483

Filing Date: 08/19/2003

**LIST OF PRIOR ART CITED BY APPLICANT**

Applicant: Donald H. Powers et al.

Group Art: unknown

For: Propylene Production

Date: November 17, 2003

**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if appropriate
	AA	3,326,866	6/20/67	Haag	260	79.3	06/10/63
	AB	3,962,367	06/08/76	Germanas et al.	260	683.2	03/24/75
	AC	4,692,430	09/08/87	Welch	502	342	06/30/86
	AD	4,962,267	10/09/90	Slaugh	585	670	12/16/88
	AE	4,992,612	02/12/91	Suzukamo et al.	585	664	08/09/89
	AF	4,992,613	02/12/91	Brownscombe	585	666	08/16/89
	AG	6,323,384	11/27/01	Powers et al.	585	671	06/05/91
	AH	6,111,160	08/29/00	Powers et al.	585	671	02/28/94
	AI	5,898,091	04/27/99	Chodorge et al.	585	647	05/10/96
	AJ	5,955,397	09/21/99	Didillon et al.	502	339	11/06/97
	AK	6,358,482	03/19/02	Chodorge et al.	422	189	03/07/00

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							

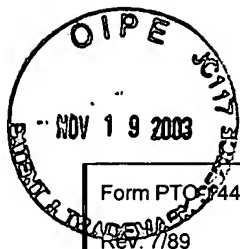
**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	AR	R. L. Banks, <i>Journal of Molecular Catalysis</i> , Vol. 8, p. 269-276, 1980, ISSN 0304-5102
	AS	"Discovery and Development of Olefin Disproportionation (Metathesis)" by Robert L. Banks, American Chemical Society Symposium, Series, No. 222, Heterogeneous Catalysis: Selected American Histories, B.H. Davis and W. P. Hettinger, Jr., Editors, <i>American Chemical Society</i> , 1983, ISSN 0097-6156
	AT	

Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-449  
Rev. 7/89U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket: 88-2045A

Examiner: unknown

Serial No.: 10/643,483

Filing Date: 8/19/2003

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Applicant: Donald H. Powers et al.

Group Art: unknown

For: Propylene Production

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**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if appropriate
	AA	6,495,732	12/17/02	Hearn et al.	585	664	12/12/00
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

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